

FIG. 1

CD2BP1 PSTPIP	MMPQLQFKDA MMAQLQFRDA	FWCRDFTAHT FWCRDFTAHT	GYEVLLQRLL GYEVLLGRLL	DGRKMCKDME DGRKMCKDVE	ELLRQRAQAE ELLRQRAQAE	50
CD2BP1 PSTPIP	ERYGKELVQI ERYGKELVQI	ARKAGGQTEI ARKAGGQTEM	NSLRASFDSL NSLRTSFDSL	KQQMENVGSS KQQTENVGSA	HIQLALTLRE HIQLALALRE	100
CD2BP1 PSTPIP	ELRSLEEFRE ELRSLEEFRE	RQKEQRKKYE RQKEQRKKYE	AVMDRVQKSK AIMDRVQKSK	LSLYKKAMES LSLYKKTMES	KKTYEQKCRD KKAYDQKCRD	150
CD2BP1 PSTPIP	ADDAEQAFER ADDAEQAFER	ISANGHQKQV VSANGHQKQV	EKSQNKARQC EKSQNKAKQC	KDSATEAERV KESATEAERV	YRQSIAQLEK YRGNIEQLER	200
CD2BP1 PSTPIP	VRAEWEQEHR ARTEWEQEHR	TTCEAFQLQE TTCEAFQLQE	FDRLTILRNA FDRLTILRNA	LWVHSNQLSM LWVHCNQLSM	QCVKDDDELYE QCVKDDDELYE	250
CD2BP1 PSTPIP	EVRLTLEGCS EVRLTLEGCD	IDADIDSFIQ VEGDINGFIQ	AKSTGTEPPA SKSTGREPPA	PVPYQNYYYDR PVPYQNYYYDR	EVTPLTSSPG EVTPLIGSPS	300
CD2BP1 PSTPIP	IQPSCGMIKR IQPSCGVIKR	FSGLLHGSPK FSGLLHGSPK	TTSLAASAAS TTP—SAPAAS	TETLTPTPER TETLTPTPER	NEGVYTAIAV NELVYASIEV	350
CD2BP1 PSTPIP	QEIQGNPASP QATQGNLNSS	AQEYRALYDY AQDYRALYDY	TAQNPDELDL TAQNSDELDI	SAGDILEVIL SAGDILAVIL	EGEDGWWTVE EGEDGWWTVE	400
CD2BP1 PSTPIP	RNGQRGFVPG RNGQRGFVPG	SYLEKL SYLEKL				416

4

5' UTR

-216 gcgccgcgct cgacaacaaa acaggttgag ctttttcttc ccctcagaag ctctctctctg
-156 gctcgtggct gccttctgag tgttgacagac ggccgccgcc gggaaggggg gcctggggcca
-96 gccctgccag gactgggacg ctgctgctgg cgccctggccc tccatcaggc cagcctgtgg

↗1F

-36 caggagagtg agctttgccc cggcagacgc ctgaggatga tgccccagct gcagttcaaa

↳1

25 gatgcctttt ggtgcaggga cttcacagcc cacacgggct acgaggtgct gctgcagcgg

↳2

85 cttctggatg gcaggaagat gtgcaaagac atggaggagc tactgaggca gagggcccag

↳3

145 gcggaggagc ggtaccggaa ggagctggcg cagatcgac ggaaggcagg tggccagacg

↗2F

205 gagatcaact ccctgagggc ctctttgac tccttgaagc agcaaatgga gaatgtgggc

↳4 ↳5

265 agctcacaca tccagctggc cctgacctg cgtgaggagc tgcggagtct cgaggagttt

↗6

325 cgtgagagcc agaagqagca gaggaagaag tatgaggccc tcatggaccg ggtccagaa

↖1R ↗3F

385 agcaagctgt ccctctacaa gaaggccatg gagtccaaga agacatacga gcagaagtgc

↳7

445 cgggacgcgg acgacgcgga gcaggccttc gagcgcatta gcgccaacgg ccaccagaag

505 caggtggaga acagtcagaa caaagccagg cagtgcgaag actcgccac cgaggcagag

↳8 ↖2R ↳9

565 cgggtataca ggcagagcat tgcgcagctg gagaaggtec gggctgagtg ggagcaggag

625 caccggacca cctgtgagcc ctttcagctg caagagtttc accggctgac catttcggc

A ↳10 ↗4F

685 aacGccctgt ggtgtcacag caaccagctc tccatgcagt gtgtcaagga tgatgagctc

C ↳11

745 tacGaggaag tqcqqctgac gctggaaggc tgcagcatag acgccgacat cgacagtttc

↖3R ↗5F

805 atccaggcca agagcacagg cacagagccc ccgctccgg tgcctacca gaactattac

↳1038R ↳12

865 gatcgggagg tcaccccgct gaccagcagc cctggcatac agccgtctct cggcatgata

925 aagaggttct ctggactgct gcacggaagt cccaagacca ettcgttggc agottctgct

↳13

985 gcgtccacag agaccctgac cccaacccc gagcggaatg aggggtgcta cacagccate

↳14 ↖4R

1045 gcagtgagg agatacaggg aaaccgggcc tcaccagecc aggagtaccg gggcgtctac

↗6F

1105 gattatacag cgcagaaccc agatgagctg gacctgtccg cgggagacat cctggaggtg

↳15

1165 atcctggaag gggaggatgg ctggtggact gtggagagga acgggcagcg tggcttcgtc

↖5R

1225 cctggttctt acctggagaa gctttgagga agggccagga gcccttcgg acctgccctg

↳3' UTR

1285 ccagtggagc cagcagtgcc ccagcactg tccccacctt gctaggggcc agaaccaagc

1345 gtccccagc cccgagaggg agcctgtcgt ctcccagga ataaaggagt gcgttctgtt

1405 ctaaaaaaa aaaaaaaaa aaaagtcgac gcggccgc

↳6R